WEST

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L10: Entry 1 of 1 File: DWPI Jun 29, 2000

DERWENT-ACC-NO: 2000-442715
DERWENT-WEEK: 200341

TITLE: Isolating section of downhole tubing comprises running expandable tubing into borehole, positioning across section to be isolated and deforming portion

INVENTOR: METCALFE, P D; SIMPSON, N A A

PRIORITY-DATA: 1999GB-0024189 (October 13, 1999), 1998GB-0028234 (December 22, 1998), 1999GB-0000835 (January 15, 1999), 1999GB-0023783 (October 8, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200037768 A1	June 29, 2000	E	019	E21B029/10
AU 200018688 A	July 12, 2000		000	
NO 200102598 A	July 30, 2001		000	E21B029/10
EP 1141515 A1	October 10, 2001	E	000	E21B029/10

INT-CL (IPC): E21 B 29/10

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.

US20020145281A

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.

WO 200037767A

CHOSEN-DRAWING: Dwg.1/7

TITLE-TERMS: PROFILE FORMATION TUBE SECTION CASE BOREHOLE COMPRISE POSITION EXPAND PREDETERMINED LOCATE TUBE EXTEND DEFORM TUBE PROFILE

DERWENT-CLASS: H01 P52 Q49

CPI-CODES: H01-C01;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C2000-134794
Non-CPI Secondary Accession Numbers: N2000-330250

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.

US20020060079A

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.

US20020079106A

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.

US20020112338A

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

RELATED-ACC-NO: 2000-442715;2000-442716 ;2000-442717 ;2000-475532 ;2000-475533 ;2002-054915 ;2002-435837 ;2002-547331 ;2003-075387 ;2003-156647 ;2003-342097 ;2003-353890

ABSTRACTED-PUB-NO: US 6446323B
BASIC-ABSTRACT:

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.
ABSTRACTED-PUB-NO:

US 6457532B
EQUIVALENT-ABSTRACTS:

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

USE - Downhole profile formation in cased boreholes.

ADVANTAGE - No restrictions are placed on the subsequent placement of tools and devices in the bore, and the original profile locations are appropriate as the well in developed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic sectional view of a stage in the formation of a profile in a section of tubing.

NOVELTY - Forming a profile in a tubing section comprises providing an expander with at least one radially extendable member, positioning the expander at a predetermined location in a section of the tubing, and extending the member to deform the tubing and create a profile.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) a method of providing a profile on a section of tubing;

(ii) a method of cutting a section of tubing; and

(iii) an apparatus for providing a profile in a section of tubing.

WEST

End of Result Set

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L9: Entry 1 of 1 File: DWPI Jun 29, 2000

DERWENT-ACC-NO: 2000-442716
DERWENT-WEEK: 200341

TITLE: Drilling method comprises mounting drill bit on string including section of expandable tubing, rotating bit, passing expander through tubing, and retrieving drill bit from bore

INVENTOR: METCALFE, P D; SIMPSON, N A A ; PETERCULTER, S

PATENT-ASSIGNEE:

ASSIGNEE	CODE
ASTEC DEV LTD	ASTEN
PETROLINE WELLSYSTEMS LTD	PETRN
WEATHERFORD LAMB	WEATN

PRIORITY-DATA: 1999GB-0024189 (October 13, 1999), 1998GB-0028234 (December 22, 1998), 1999GB-0000835 (January 15, 1999), 1999GB-0023783 (October 8, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200037771 A1	June 29, 2000	E	028	E21B043/10
AU 200018687 A	July 12, 2000		000	
NO 200102599 A	July 30, 2001		000	E21B043/10
EP 1141517 A1	October 10, 2001	E	000	E21B043/10

DESIGNATED-STATES: AU BR CA NO AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 200037771A1	December 22, 1999	1999WO-GB04246	
AU 200018687A	December 22, 1999	2000AU-0018687	
AU 200018687A		WO 200037771	Based on
NO 200102599A	December 22, 1999	1999WO-GB04246	
NO 200102599A	May 28, 2001	2001NO-0002599	
EP 1141517A1	December 22, 1999	1999EP-0962308	
EP 1141517A1	December 22, 1999	1999WO-GB04246	
EP 1141517A1		WO 200037771	Based on

INT-CL (IPC): E21 B 7/20; E21 B 10/64; E21 B 43/10

RELATED-ACC-NO: 2000-442714;2000-442715 ;2000-442717 ;2000-475532 ;2000-475533 ;2002-054915 ;2002-435837 ;2002-547331 ;2003-075387 ;2003-156647 ;2003-342097 ;2003-353890

ABSTRACTED-PUB-NO: WO 200037771A
BASIC-ABSTRACT:

NOVELTY - Drilling comprises mounting a drill bit (22) on a drill string including a section of expandable tubing and a tubing expander in the string, rotating the drill bit and advancing the drill string through a bore, passing the expander through the tubing, and retrieving the drill bit from the bore through the expanded tubing.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(i) four drilling apparatus; and

(ii) a further drilling method.

USE - Drilling oil and gas wells.

ADVANTAGE - Bore drilling and bore isolation operations can be performed in a single 'trip', i.e. a drill string need not be retrieved and a separate casing string run in prior to a bore lining or isolation operation being carried out.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic part sectional view of the bore drilling and isolation method.

Drill bit 22

Tubing hanger 24

CHOSEN-DRAWING: Dwg.3/7

TITLE-TERMS: DRILL METHOD COMPRISE MOUNT DRILL BIT STRING SECTION EXPAND TUBE ROTATING BIT PASS EXPAND THROUGH TUBE RETRIEVAL DRILL BIT BORE

DERWENT-CLASS: H01 Q49

CPI-CODES: H01-B05;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C2000-134796
Non-CPI Secondary Accession Numbers: N2000-330252

WEST

End of Result Set

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L11: Entry 1 of 1 File: DWPI Jun 29, 2000

DERWENT-ACC-NO: 2000-442714
DERWENT-WEEK: 200358

TITLE: Profile formation in tubing section in cased boreholes comprises positioning expander at predetermined location in tubing, and extending to deform tube and create profile

INVENTOR: METCALFE, P D; SIMPSON, N A A

PATENT-ASSIGNEE:

ASSIGNEE	CODE
WEATHERFORD LAMB	WEATN
ASTEC DEV LTD	ASTEN
PETROLINE WELLSYSTEMS LTD	PETRN
METCALFE P D	METCI
SIMPSON N A A	SIMPI

PRIORITY-DATA: 1999GB-0024189 (October 13, 1999), 1998GB-0028234 (December 22, 1998), 1999GB-0000835 (January 15, 1999), 1999GB-0023783 (October 8, 1999), 1999GB-0023975 (October 12, 1999)

PATENT-FAMILY:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 200037767A2	December 22, 1999	1999WO-GB04248	
GB 2346909A	December 22, 1999	1999GB-0030397	
GB 2347445A	December 22, 1999	1999GB-0030398	
AU 200018689A	December 22, 1999	2000AU-0018689	
AU 200018689A		WO 200037767	Based on
NO 200102600A	December 22, 1999	1999WO-GB04248	
NO 200102600A	May 28, 2001	2001NO-0002600	
EP 1144802A2	December 22, 1999	1999EP-0962310	
EP 1144802A2	December 22, 1999	1999WO-GB04248	
EP 1144802A2		WO 200037767	Based on
US20020060079A1	December 22, 1999	1999US-0470154	
US20020079106A1	December 22, 1999	1999US-0469690	
US20020112338A1	December 22, 1999	1999US-0470176	
US 6446323B1	December 22, 1999	1999US-0470176	
US 6457532B1	December 22, 1999	1999US-0469690	
US20020145281A1	December 22, 1999	1999US-0469681	
US20020166668A1	December 22, 1999	1999US-0469526	
US20020195256A1	December 22, 1999	1999US-0470154	Cont of
US20020195256A1	May 14, 2002	2002US-0145599	
US20020195256A1		US 6425444	Cont of
US20030019638A1	December 22, 1999	1999US-0469690	Cont of
US20030019638A1	August 13, 2002	2002US-0217833	
US20030019638A1		US 6457532	Cont of
US 6527049B2	December 22, 1999	1999US-0469681	
US 6543552B1	December 22, 1999	1999US-0469643	
GB 2382832A	December 22, 1999	1999GB-0030397	Div ex
GB 2382832A	March 19, 2003	2003GB-0006256	
GB 2383065A	December 22, 1999	1999GB-0030397	Div ex
GB 2383065A	March 19, 2003	2003GB-0006257	
GB 2347445B	December 22, 1999	1999GB-0030398	
GB 2383361A	December 22, 1999	1999GB-0030166	Div ex
GB 2383361A	March 14, 2003	2003GB-0005872	
US20030132032A1	December 22, 1999	1999US-0469643	Cont of
US20030132032A1	February 11, 2003	2003US-0364718	
US20030132032A1		US 6543552	Cont of
US20030136561A1	December 22, 1999	1999US-0469681	Cont of
US20030136561A1	December 16, 2002	2002US-0320187	
US20030136561A1		US 6527049	Cont of
GB 2345308B	December 7, 1999	1999GB-0028941	
GB 2346632B	December 22, 1999	1999GB-0030166	
GB 2346400B	December 22, 1999	1999GB-0030396	
GB 2346909B	December 22, 1999	1999GB-0030397	
GB 2383065B	December 22, 1999	1999GB-0030397	Div ex
GB 2383065B	March 19, 2003	2003GB-0006257	
GB 2382832B	December 22, 1999	1999GB-0030397	Div ex
GB 2382832B	March 19, 2003	2003GB-0006256	

A1 , US 20030019638 A1 , US 6527049 B2 , US 6543552 B1 INT-CL (IPC): B21 D 17/04; B21 D 39/04; B21 D 39/08; B21 D 39/10; B21 D 41/02; E21 B 7/00; E21 B 7/20; E21 B 19/16; E21 B 23/00; E21 B 23/02; E21 B 29/00; E21 B 29/08; E21 B 33/12; E21 B 33/134; E21 B 43/10; E21 B 43/12; B21 D 39/10; E21 B 43/10; B21 D 39/10; E21 B 43/10; B21 D 39/18; B21 D 39/18

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200037767 A2	June 29, 2000	E	023	E21B029/00
GB 2346909 A	August 23, 2000		000	E21B029/00
GB 2347445 A	September 6, 2000		000	E21B007/20
AU 200018689 A	July 12, 2000		000	
NO 200102600 A	July 30, 2001		000	E21B029/00
EP 1144802 A2	October 17, 2001	E	000	E21B029/00
US 20020060079 A1	May 23, 2002		000	E21B029/00
US 20020079106 A1	June 27, 2002		000	E21B023/02
US 20020112338 A1	August 22, 2002		000	E21B029/08
US 6446323 B1	September 10, 2002		000	B21D039/04
US 6457532 B1	October 1, 2002		000	E21B023/02
US 20020145281 A1	October 10, 2002		000	E21B043/12
US 20020166668 A1	November 14, 2002		000	E21B023/02
US 20020195256 A1	December 26, 2002		000	E21B043/10
US 20030019638 A1	January 30, 2003		000	E21B019/16
US 6527049 B2	March 4, 2003		000	E21B023/00
US 6543552 B1	April 8, 2003		000	E21B007/00
GB 2382832 A	June 11, 2003		000	E21B029/00
GB 2383065 A	June 18, 2003		000	E21B029/00
GB 2347445 B	June 25, 2003		000	E21B007/20
GB 2383361 A	June 25, 2003		000	E21B043/10
US 20030132032 A1	July 17, 2003		000	E21B007/00
US 20030136561 A1	July 24, 2003		000	E21B023/02
GB 2345308 B	August 6, 2003		000	E21B043/10
GB 2346632 B	August 6, 2003		000	E21B043/10
GB 2346400 B	July 16, 2003		000	E21B043/10
GB 2346909 B	August 13, 2003		000	E21B029/00
GB 2383065 B	July 30, 2003		000	E21B029/00
GB 2382832 B	July 23, 2003		000	E21B029/00

DESIGNATED-STATES: AU BR CA NO AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION-DATA: